Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 23 Jan 2023 until 23:59 on Tuesday 24 Jan 2023

Forecast Issued on Monday 23 Jan 2023 at 02:42

Confidence: High for general pattern, lowering for cloud details.

Headline for Monday 23 Jan 2023: Rather cloudy but mostly dry. Light winds. Freezing level above summits.

Mountain weather hazards on Monday 23 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Monday 23 Jan 2023

Weather: Rather cloudy but most cloud bases will tend to be above the summits. Most areas of the National Park staying dry with only the odd light shower likely. Perhaps some brightness developing for the afternoon towards Dovedale.

Chance of cloud-free hill tops above 600m: 90% plus

Low cloud and visibility: Good becoming moderate in any rain, very poor within cloud with bases infrequently down to 500m

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Monday 23 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/8 S	7/10 S	7/11 SW	6/10 SW	6/9 SW	6/8 SW	5/7 SW
300	4/5 SE	4/7 S	4/7 SW	3/5 W	4/6 S	3/5 S	3/4 S
Valley	2/6 E	3/8 SE	3/7 S	2/5 SW	2/5 S	2/5 S	2/4 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/1	3/0	4/1	4/2	2/-0	2/-0	2/-0
300	5/4	4/3	4/3	4/3	3/1	2/1	2/1
Valley	4/3	4/2	5/4	5/4	3/1	2/0	2/1
Freezing Level*	1400m	1300m	1400m	1500m	1500m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds will be light and variable at height and perhaps not as shown in table above.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 23 Jan 2023	0.8mm	1.2mm	4.8mm

Forecast for Tuesday 24 Jan 2023

Weather: On Monday night some clear spells will allow valley fog to form, some dense. Perhaps remaining cloudier across northern parts of the National Park, especially towards Black Hill and Alphin Pike. Some bright or sunny spells on Tuesday before cloud thickens and lowers later, with cloud covering Peaks in evening.

Maximum wind: Westerly10-15mph or less

Chance of cloud-free hill tops above 600m: 75% becoming 20% later

Low cloud and visibility: Good becoming moderate or poor in mist and very poor in valley fog and summit cloud later.

Temperature: **Valleys:** Minus 3 Celsius increasing plus 7 Celsius during the afternoon
At 600m: Plus 4 becoming plus 1 degrees Celsius
Freezing level: Above summits

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